BRAD BURZON

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WORK EXPERIENCE

Junior Software Engineer   May 2024- Present
SumUp   *Boulder, CO*
- Successfully develop an investment product from proof of concept to production, aligning it with company's goals and user needs
- Spearhead the transformation of a web app into a mobile-friendly platform using Tailwind CSS, resulting in a 20% increase in user engagement due to a cleaner, more user-friendly app feel
- Enhance application performance and scalability by refactoring React components into reusable modules, increasing code maintainability by 30%.
- Collaborate effectively with cross-functional teams and multiple stakeholders, ensuring smooth communication and alignment throughout the development process, improving the team's ability to adapt to changing demands

Full Stack Developer   Oct 2023 – May 2024
Zing Asian Fusion   *Remote*
- Significantly reduced operational costs by deploying a cost-effective ordering web app, leveraging Angular, TypeScript, HTML, CSS, and Bootstrap for the frontend, with Firebase serving as the backend
- Enhanced site reliability and accuracy, achieving 99.999% uptime and a 99.98% order data accuracy rate over the span of 5 months, by implementing CI/CD pipelines with GitHub Actions
- Boosted order efficiency by 30% by streamlining communication between servers and cooks through collaboration with management and staff members of the restaurant for feedback

Computer Science Teaching Assistant   Aug 2016 – Dec 2017
Indiana University   *Bloomington, IN*
- Enhanced the class's success rate to 97% by effectively conveying complex programming concepts, and demonstrating extensive communication skills
- Increased student engagement 15% by fostering collaborative learning of key CS principles such as data structures, abstraction, recursion and testing
- Boosted student satisfaction 10% by grading of 500+ assignments and 420+ quizzes within tight deadlines

EDUCATION

Purdue University Fort Wayne   Aug 2021 – Dec 2023
BS in Computer Science   *GPA: 3.23*

PROJECTS

2DoList | *Java, XML, Gradle, Material UI, Git, TDD, Unit Testing*   Feb 2024 – April 2024
- Improving code maintainability by 30%, significantly simplifying updates and enhancing scalability, through the application of best practices such as DRY, functional state commits, KISS, and SOLID principles
- Accelerating project completion by 15%, enabling faster releases through the optimization of the development workflow, utilizing version control with GitHub and refining processes in Android Studio and IntelliJ
- Developing an Android app for task automation, increasing user engagement and satisfaction with Java, Android Studio, XML, and Material UI

CareerPath | *TypeScript, HTML, CSS, Bootstrap, Firebase, Git, Adobe XD, Prototyping*   Aug 2021 – Dec 2021
- Distinguished the project from 7 competitors by leading the user interface design and development of a prototype for a career recommendation engine using Adobe XD, resulting in a superior user interface and user experience
- Implemented a responsive UI using HTML, CSS, Bootstrap in Angular for optimal user experience across various devices, while collaborating closely with 3 team members on comprehensive project documentation and code review submission
- Streamlined project planning with Scrum Agile, cutting development time by 20% through efficient sprint management

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, C, SQL, Kotlin
Frontend: React, Tailwind CSS, HTML, CSS, Angular, Bootstrap
Backend: Node.js, Express.js, MongoDB, Firebase, REST API, JSON, SQL
Mobile: Java, Kotlin, Gradle, XML, Material UI
Testing: Jest, JUnit4, TDD, Unit Testing, Test Coverage, Debugging Tools, Usability Testing
Collaboration & Agile: Git, CI/CD, Code Review, Documentation, Scrum, Kanban
Tools: Storybook, Chromatic, Docker, Trello, Figma, Adobe XD